



Model 2100-110 Temperature Humidity Probe



Model 2100-110 Advantages

- Well proven humidity sensor resists contamination
- Long term calibration free operation
- 0- 1 VDC outputs for temperature and humidity
- HygroClip module replaced in field with no loss in accuracy

Specifications are subject to change without notice.

Operation

The Model 2100-110 temperature humidity probe offers high accuracy and fast response for meteorological applications. The probe has separate 0- 1 VDC linear outputs for temperature and humidity. Probe cable length compensation permits error-free signal transmission over distances up to 300 ft (100 meters).

The barrel of the probe is designed to protect the internal electronics under all weather conditions. All connectors and cable entry points have seals to prevent moisture entry. The internal electronics are conformal coated for further protection.

The 2100-110 temperature/humidity probe sensor element can be easily replaced in the field without calibration with no loss of accuracy.

SPECIFICATIONS

Voltage Supply	3.6 – 35 VDC
Dimensions	232 mm X 25 mm (diameter)
Temperature	
Sensor Type	1/3 DIN RTD
Range	-40 - +60° C
Accuracy @ 23° C	± 0.2° C
Output	0 – 1 VDC
Humidity	
Sensor Type	Capacitive Humidity Sensor
Range	0 – 100%
Accuracy @ 23° C	± 0.2° C
Output	0 – 1 VDC

Ordering Information:

- **Model No: 2100-110**

Accessories

- **2100-111** **Self Aspirated Shield**
- **2100-111-1** **110 VAC Motorized Shield**
- **2100-111-2** **220 VAC Motorized Shield**



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